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L2: Entry 1 of 3

File: JPAB

Feb 16, 2001

PUB-N0: JP02001041753A

DOCUMENT-IDENTIFIER: JP 2001041753 A

TITLE: ON-VEHICLE NAVIGATION SYSTEM AND RECORDING MEDIUM

PUBN-DATE: February 16, 2001

INVENTOR-INFORMATION:

NAME

COUNTRY

KONISHI, YASUYUKI

ASSIGNEE-INFORMATION:

NAME

COUNTRY

SUZUKI MOTOR CORP

APPL-NO: JP11220392

APPL-DATE: August 3, 1999

INT-CL (IPC): G01C 21/00; G08G 1/0969

ABSTRACT:

PROBLEM TO BE SOLVED: To reduce the interior noise by the operating sound of a DC-ROM drive or cooling fan at the time of non-navigation display:

SOLUTION: This system comprises a key input processing part 9 for detecting the nonuse of navigation display function and a power source control part 13 for stopping, when the nonuse of navigation display function is detected, the operations of a CD-ROM drive 5 that is the reading means of map matching data used in autonomous navigation means and a cooling fan 7. When the navigation display is not performed, only position measurement by GPS is performed without performing map matching data processing, whereby the noise accompanying the access to the DC-ROM drive 5 or the noise accompanying the operation of the cooling fan 7 can be eliminated.

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L2: Entry 2 of 3

File: DWPI

Sep 30, 2004

DERWENT-ACC-NO: 2004-708810

DERWENT-WEEK: 200469

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TITLE: Multi-functional vehicle navigation system e.g. global positioning system satellite-based system, has switchover unit for selecting either navigation mode or non-navigation mode for displaying respective images on multi-use display

INVENTOR: HORI, Y; KOSHIJI, Y

PATENT-ASSIGNEE: HORI Y (HORII), KOSHIJI Y (KOSHI)

PRIORITY-DATA: 2003US-456564P (March 24, 2003), 2004US-0800667 (March 16, 2004)

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> US 20040193371 A1	September 30, 2004		019	G01C021/30

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US20040193371A1	March 24, 2003	2003US-456564P	Provisional
US20040193371A1	March 16, 2004	2004US-0800667	

INT-CL (IPC): G01C 21/30

ABSTRACTED-PUB-NO: US20040193371A

BASIC-ABSTRACT:

NOVELTY - A switchover unit selects either navigation mode for displaying navigation image provided by storage unit or non-navigation mode for displaying non-navigation image provided by non-navigation data storage unit. A processor displays the selected mode on the multi-use display.

USE - Multi-functional vehicle navigation system such as global positioning system (GPS)-based system, land based triangulation system.

ADVANTAGE - Provides greater flexibility by allowing the user to change the appearance of display screen.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the GPS navigational system.

ABSTRACTED-PUB-NO: US20040193371A

EQUIVALENT-ABSTRACTS:

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L2: Entry 3 of 3

File: DWPI

Apr 12, 2006

DERWENT-ACC-NO: 1999-115651

DERWENT-WEEK: 200626

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TITLE: Vehicle mounted navigation apparatus - has write-in unit which writes in map data in display area centering on desired point as set up by setting unit**PATENT-ASSIGNEE:** PIONEER ELECTRONIC CORP (PIOE)**PRIORITY-DATA:** 1997JP-0149721 (June 6, 1997)[Search Selected](#)[Search ALL](#)[Clear](#)**PATENT-FAMILY:**

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>JP 3765347 B2</u>	April 12, 2006		011	G01C021/00
<input type="checkbox"/> <u>JP 10339643 A</u>	December 22, 1998		009	G01C021/00

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 3765347B2	June 6, 1997	1997JP-0149721	
JP 3765347B2		JP 10339643	Previous Publ.
JP 10339643A	June 6, 1997	1997JP-0149721	

INT-CL (IPC): G01C 21/00; G08G 1/0969; G09B 29/10**ABSTRACTED-PUB-NO:** JP 10339643A**BASIC-ABSTRACT:**

NOVELTY - Route map data is stored in a recording medium such as a CD-ROM. A memory has memory position for each pixel of a display screen (17). A map display area is set up in the memory for storing map data from the recording medium. A write-in unit writes map data in the display area centering on a desired point is set up by a setting unit. Non map data are written in other positions of the memory. **DETAILED DESCRIPTION** - The map data stored in a recording medium is transferred to map display area of a memory that has memory positions for each pixel of display screen. A write-in unit writes in the map data from recording medium corresponding to set up position of display area in memory. A read-out unit reads out data from each memory position and outputs as a video signal. A video signal source outputs another video signal which is synchronised with first output signal to an indicator.

USE - In vehicle.

ADVANTAGE - The navigation information is displayed without any distortion. The navigation and non-navigation information are displayed on same screen by dividing screen into two. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of TV unit of navigation apparatus. (17) Display screen.

ABSTRACTED-PUB-NO: JP 10339643A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg. 2/7

DERWENT-CLASS: P85 S02 T01 W06 X22

EPI-CODES: S02-B08C; S02-B08E; S02-B08G; T01-J06B1; T01-J07C; W06-A08; X22-E06D;

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<input style="width: 100px; height: 25px; border: 1px solid black; background-color: #e0e0e0;" type="button" value="Recall Text"/>		<input style="width: 100px; height: 25px; border: 1px solid black; background-color: #e0e0e0;" type="button" value="Clear"/>
		<input style="width: 100px; height: 25px; border: 1px solid black; background-color: #e0e0e0;" type="button" value="Interrupt"/>

Search History

DATE: Thursday, April 12, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

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DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;				
OP=OR				
<u>L4</u>	L2		3	<u>L4</u>
<u>L3</u>	L2		3	<u>L3</u>
DB=EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR				
<u>L2</u>	((NAVIGATION\$ AND "NON-NAVIGATION") WITH DISPLAY\$) AND (VEHICLE OR CAR OR AUTOMOBILE)		3	<u>L2</u>
DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR				
<u>L1</u>	6002397.pn.		1	<u>L1</u>

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